

## EAST Search History

| Ref # | Hits | Search Query            | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------------|---|------------------|---------|------------------|
| L2    | 2    | "20010052849"           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2007/08/08 14:50 |
| L3    | 3    | "20050062604"           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2007/08/08 14:44 |
| L4    | 322  | (340/573.3).CCLS.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 14:50 |
| L5    | 710  | (340/573.4).CCLS.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 14:50 |
| L8    | 3902 | (455/456.1-456.3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 14:52 |
| L9    | 1204 | (455/404.1-404.2).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 14:52 |
| L10   | 655  | (455/456.5).CCLS.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 14:52 |
| L11   | 564  | (455/456.6).CCLS.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 14:53 |

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|     |      |                    |   |    |     |                  |
|-----|------|--------------------|---|----|-----|------------------|
| L12 | 916  | (340/539.13).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:53 |
| L13 | 179  | (340/539.16).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:54 |
| L14 | 2829 | (340/572.1).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:53 |
| L15 | 2671 | (340/573.1).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:53 |
| L16 | 710  | (340/573.4).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:53 |
| L17 | 130  | (340/539.15).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:54 |
| L18 | 507  | (340/539.11).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:55 |
| L19 | 2414 | (455/414.1).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:55 |

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|     |      |                   |   |    |     |                  |
|-----|------|-------------------|---|----|-----|------------------|
| L20 | 555  | (455/417).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:55 |
| L21 | 257  | (455/421).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:55 |
| L22 | 827  | (455/437).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:56 |
| L23 | 423  | (455/440).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:56 |
| L24 | 251  | (455/444).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:56 |
| L25 | 599  | (455/457).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:56 |
| L26 | 1467 | (455/552.1).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:56 |
| L27 | 701  | (455/553.1).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 14:57 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L28 | 17764 | 4 5 8 9 10 11 12 13 14 15 16 17 18 19<br>20 21 22 23 24 25 26 27 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 14:59 |
| L29 | 2     | ("5742233").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:34 |
| L30 | 2     | ("6243039").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:00 |
| L31 | 2     | ("6658095").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:31 |
| L32 | 2     | ("5751245").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:31 |
| L33 | 2     | ("6892131").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:31 |
| L35 | 2     | ("6968179").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 15:32 |
| L36 | 2     | "20030151501"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:32 |
| L37 | 3     | "20040203903"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:33 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L38 | 2   | "20020077080"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:33 |
| L39 | 2   | "20010052849"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:33 |
| L40 | 2   | "20030104819"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:33 |
| L41 | 2   | "20030018704"                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:33 |
| L42 | 25  | 29 30 31 32 33 35 36 37 38 39 40 41             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:34 |
| L43 | 18  | 42 and (time period)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/08/08 15:35 |
| L44 | 160 | ("5742233").URPN.                               | USPAT   | OR | ON  | 2007/08/08 15:54 |
| L45 | 39  | 44 and time adj period                          | USPAT   | OR | ON  | 2007/08/08 18:41 |
| L46 | 5   | 44 and (audible alarm) with (time adj period)   | USPAT   | OR | ON  | 2007/08/08 18:54 |
| L47 | 37  | 44 and (audible alarm) with (time period)       | USPAT   | OR | ON  | 2007/08/08 18:48 |
| L48 | 35  | "3843841"                                       | USPAT   | OR | ON  | 2007/08/08 18:48 |
| L49 | 5   | ("3843841").PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/08 18:48 |
| L50 | 6   | 44 and (audible alarm) with (delay)             | USPAT   | OR | ON  | 2007/08/08 19:57 |
| L51 | 30  | ("5868100").URPN.                               | USPAT   | OR | ON  | 2007/08/08 19:55 |
| L52 | 13  | 51 and (audible alarm) with (time period delay) | USPAT   | OR | ON  | 2007/08/08 19:58 |